

PATENT  
ATTORNEY DOCKET NO.: 040894-7168

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Kazuhiko SATO et al.

Application No.: 10/522,367

Filed: January 25, 2005

For: METHOD FOR PRODUCING  
CARBOXYLIC ACID

Confirmation No. 1395

Group Art Unit: 1625

Examiner: Unassigned

Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO Form 1449. To the best of the undersigned's knowledge, this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application. Accordingly, Applicants do not believe that a fee is due for filing this paper.

The listed documents were cited in a Search Report dated June 1, 2006 in a corresponding European application. A copy of the Search Report is enclosed for the Examiner's consideration. Copies of the listed foreign documents are attached for the Examiner's consideration. Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed documents are material or constitute "Prior Art." If it should be determined that the listed documents do not constitute "Prior Art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of the document.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should the documents be applied against the claims of the present application.

**EXCEPT** for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§ 1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account 50-0310. This paragraph is intended to be a CONSTRUCTIVE PETITION FOR EXTENSION OF TIME in accordance with 37 C.F.R. § 1.136(a)(3).

Respectfully submitted,

  
**MORGAN, LEWIS & BOCKIUS LLP**

By: \_\_\_\_\_

Robert J. Goodell

Reg. No. 41,040

Dated: September 7, 2006

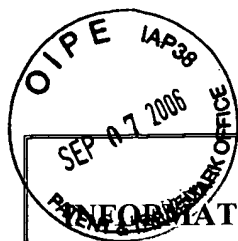
**Customer No. 009629**

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<b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)  <b>PTO Form 1449</b> <b>Page 1 of 1</b>	Attorney Docket No. 040894-7168	Application No.: 10/522,367
	Applicant: Kazuhiko SATO et al.	
	Filing Date: January 25, 2005	Group Art Unit: 1625

**U.S. PATENT DOCUMENTS**

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Sub Class	Translation	
						YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Xian-miao Long et al., "Green synthesis of adipic acid by catalytic oxidation of cyclohexanol/cyclohexanone," <i>Huagong Keji</i> (2002), 10(5), pp. 4-6, 16.
	Kenji Nomiya et al., "Catalysis by heteropolyacid-VII. Catalytic Oxidation of Cyclohexanol by dodecamolybdate," <i>Polyhedron</i> , Vol. 3, No. 5, pp. 607-610, 1984.
	Yasutaka Ishii et al., "Hydrogen peroxide oxidation of cyclohexanone and cyclohexanone peroxide in the presence of some metal oxides," <i>Chemistry Letters</i> , Vol. 6, pp. 611-614, 1978.
	Yoko Usui et al., "A green method of adipic acid synthesis: organic solvent- and halide-free oxidation of cycloalkanones with 30% hydrogen peroxide," <i>Green Chemistry</i> , Vol. 5, pp. 373-375, 2003
	Shi-gang Zhang et al., "Green catalytic oxidation of cyclohexanone to adipic acid," <i>Petroleum Science and Technology</i> , Vol. 21, Nos. 1 & 2, pp. 275-282, 2003.

Examiner	Date Considered
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Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.